



ALL-IN-WONDER™ 128 PRO

THE ULTIMATE ALL-IN-ONE TV, VIDEO AND GRAPHICS CARD



Memory Configuration: 32MB

- RAGE 128 PRO powered 128-bit 3D graphics performance
- Intelligent TV-Tuner with Digital VCR
- 32-bit true color gaming
- Still image and MPEG-2* motion video capture
- Video editing
- Hardware DVD video playback
- Video output to TV or VCR
- 32 MB of memory
- AGP 4X/2X upgrade card



ATI ALL-IN-WONDER 128 PRO is the latest in an award-winning series of products.

Powered by world-leading RAGE 128 PRO graphics technology, it provides stunningly fast 3D graphics, hardware DVD video playback, still and motion video capture,

Intelligent TV-Tuner with Instant Replay and Digital VCR with full resolution MPEG-2* video compression, video output and much more. One easy to install card does it all.



Visit **ati.com** for the latest performance numbers and competitive comparisons.

Now with
RAGE 128 PRO
& AGP 4X



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Features

Stunning 128-bit 3D & 2D Graphics Acceleration

- ATI's new RAGE 128 PRO 128-bit chip technology
- 32MB of dedicated memory and 32-bit color enhance the 3D experience
- Full 3D acceleration in all modes and color depths in resolutions up to 1920x1200@32bpp
- Support for DirectX and OpenGL to ensure the best 3D gaming action
- Potent new features including DirectX Texture Compression and 8 million triangles/second set-up engine for more powerful 3D graphics experience

32-Bit True Color Graphics without Performance Degradation

- 32-bit true color mode lets you experience millions of colors and richer details like reflections and shadows – at the same level of high frame rates as in 16-bit mode
- 32-bit color rendering acceleration saves the time and hassle of upgrading your graphics board down the road when all 3D titles require 32-bit mode acceleration

Rock-Solid Hardware DVD Video Playback

- Watch cinema-quality, full-screen DVD movies right on your PC or attached TV set
- Save the expense of buying a separate MPEG-2/DVD decoder card
- Integrated iDCT and motion compensation allows for flicker-free DVD decoding with minimum CPU usage

Intelligent TV-Tuner – turn your PC into TV

- 125-channel TV-Tuner lets you watch high-quality stereo TV on your PC
- Check out the action up close using instant replay or powerful zoom feature
- Schedule the viewing of favorite shows, scan through all available stations for a glance at what's on, or create a TV Magazine with images and text from your chosen programs
- Use the "Hot Words" real time word notification feature to watch TV for you and notify you when words or phrases you specify are detected

Digital VCR with Real-time Video Compression and Video Editing

- Exceptional video capabilities including a Digital VCR with real-time video compression software
- No need to search for a videotape - record TV shows and movies right on your PC!
- Create your own professional-looking home videos with a help from the video editing software included with ALL-IN-WONDER 128 PRO

Capture MPEG-2* Motion Video and Still Images from any Video Source

- Your business presentations, school projects, and web sites lack excitement?
- Bring them to life by adding captured still and moving images from sources such as VCRs, camcorders, and laserdiscs
- Capture much more video than ever before, using the same amount of disk space!

- Full 720x480 30 fps video resolution in MPEG-2 capture using the new multimedia instructions of the Pentium III™ and AMD Athlon

Video output to TV and VCR

- Connect your ALL-IN-WONDER 128 card to big screen TV or VCR, and enjoy thrilling gaming action or entertaining and educating experiences available on the Internet
- Record the video you have edited, onto videotape

AGP4X / 2X upgrade card

- Full AGP 4X support, permitting the full benefit of the new AGP 4X specification
- Top of the line performance for 3D games and real-time rendering
- Backward compatible to support AGP 2X

Enable Video Conferencing, Web TV, and more!

- ALL-IN-WONDER 128 PRO will make you enjoy using a number of video applications, including many you can download from the web at no cost
- Add your camcorder and conferencing software and conduct a video conference with friends or relatives.
- Enable:
 - Ulead® VideoStudio™
 - WebTV for Windows98
 - WaveTop
 - Microsoft NetMeeting
 - Avid Cinema
 - MGI VideoWave II
 - VDOPhone
 - RealVideo
 - CuSeeMe
 - NetShow

Hours of recorded video stored on a 5GB Hard drive

MPEG-1
VCR quality **7 hours!**

Full resolution MPEG-2
DVD quality recording **3 hours!**



OR



Used 1600 Mb/Sec for MPEG-1 and 3800 Mb/Sec for MPEG-2

FEATURE COMPARISON CHART

	ALL-IN-WONDER 128 16 MB	ALL-IN-WONDER 128 32 MB	ALL-IN-WONDER 128 PRO
Memory	16 MB	32 MB	32 MB
True color 2D/3D accelerator	RAGE 128	RAGE 128	RAGE 128 PRO
TV-Tuner	•	•	•
Stereo TV	• ⁴	•	•
Video capture	•	Enhanced by RAGE THEATER	Enhanced by RAGE THEATER
Hardware DVD acceleration	•	•	•
TV/Video output	•	Enhanced by RAGE THEATER	Enhanced by RAGE THEATER
DVD Audio output	Dolby Pro Logic™ Surround Sound	Dolby Pro Logic™ Surround Sound	Dolby Pro Logic™ Surround Sound
Digital Audio output	No	No	No
Digital VCR	•	•	•
Real-time Video Compression	ATI VCR1, ATI VCR2, MPEG-1, and MPEG-2*	ATI VCR1, ATI VCR2, MPEG-1, and MPEG-2*	ATI VCR1, ATI VCR2, MPEG-1, and MPEG-2*
Available versions			
PCI	•	•	
AGP 2X	•	•	
AGP 4X/2X			•

⁴ DBX Stereo in North America. Mono elsewhere.

*MPEG VIDEO CAPTURE SYSTEM REQUIREMENTS

	720x480	352x240
Pentium III	best	best
Pentium II	good	best
Pentium 200 MMX		good
Best = IPB Compression (smallest files)		
Good = I-frame compression		

Pentium III recommended for full resolution MPEG-2 capture.

Video capture capabilities are scaleable to provide the best video capture possible with the CPU, memory & hard drive in the system.

2D DISPLAY MODES: Resolutions, Colors and Refresh Rates¹(Hz)

MONITOR RESOLUTION	640x480	800x600	1024x768	1152x864	1280x1024	1600x1200	1920x1200
256 Colors	200	200	200	160	130	90	85
65K Colors	200	200	200	160	130	90	85
16.7M Colors	200	200	200	160	130	90	85
REC. MONITOR SIZE ²	14"+	15"+	17"+	17"+	19"+	21"+	21"+

MAXIMUM 3D RESOLUTIONS³

65K Colors	1920x1440
16.7M Colors	1920x1200

¹This list shows a range of refresh rates. Other selections are available. Supports all VESA monitor standards. User adjustable timings to support non-standard monitors. Some display modes and color depths may not be available for all drivers. ²All modes supported in up to 16.7M colors. ³Maximum 3D resolutions and colors using double buffered setting.

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Specifications

System Requirements

- Windows 95b (OSR2) or Windows 98
- AGP 4X motherboard required to enable AGP 4X
- Intel Pentium II/III, Celeron, AMD K6, Athlon, or compatible with AGP 2X bus (AGP 1.0 compliant)
- Sound card supported by Windows 95b (OSR2) or Windows 98 with available line input
- Installation software requires CD-ROM drive
- DVD movie playback requires DVD-ROM drive
- PCI buyers, please look for ALL-IN-WONDER 128 PCI cards

Drivers Included

- Windows 95b (OSR2) and Windows 98 Display and Multimedia drivers

TV-Tuner Requirements

- TV signal from amplified antenna or cable.
- Versions available for:
 - NTSC, PAL M & PAL N (North America, Brazil, Argentina & Japan)
 - Secam L, PAL B/G (France)
 - Secam D/K, PAL B/G/D/K/I (Europe, Australia and New Zealand)
- Features vary from country to country and depending on the television standard.

Connector

- PC monitor: 15-pin VGA
- Stereo audio, S-video and composite video inputs
- S-video and composite video outputs
- External stereo audio connection to sound card's line input

Specifications

- ATI RAGE 128 PRO graphics & video accelerator
- 32 MB of memory
- AGP 4X and 2X
- High-resolution 1920x1200 graphics at 85Hz refresh rate
- Flicker-free refresh rates up to 200Hz
- VESA DDC 1/2b/2b+ monitor support
- Full OpenGL and DirectX support

Warranty

- 5-year limited

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